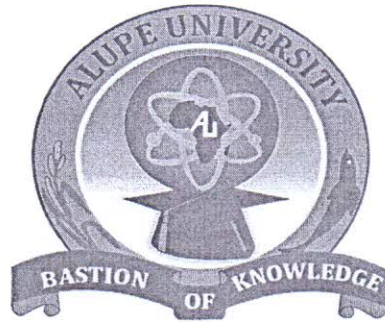


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OFFICE OF THE DEPUTY VICE CHANCELLOR
ACADEMICS, STUDENT AFFAIRS AND RESEARCH

UNIVERSITY EXAMINATIONS

2022 /2023 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER EXAMINATION

FOR THE DEGREE OF BACHELOR OF COMPUTER SCIENCE

MAIN EXAMINATION

COURSE CODE: COM330

COURSE TITLE: INTERMEDIATE HYPER TEXT MARK-UP
LANGUAGE

DATE: 21ST DECEMBER 2022

TIME: 9-12PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

REGULAR MAIN EXAM

COM 330: Intermediate Hyper Text Mark-Up

STREAM: BSc (Computer Science)

DURATION: 3 Hours

INSTRUCTIONS TO CANDIDATES

- i. Answer *ALL* questions from section A and any *THREE* from section B.
- ii. Maps and diagrams should be used whenever they serve to illustrate the answer.
- iii. Do not write on the question paper.

SECTION A (24 MARKS) COMPULSORY

QUESTION ONE (12 MARKS)

- a) List the features for JavaScript (6 Marks)
- b) Using an example, explain illustrate how JavaScript can be embedded in html body (6 Marks)

QUESTION TWO (12 MARKS)

- a) Why should one use CSS in HTML (3 Marks)
- b) Highlight on three ways one can use to include CSS in HTML (6 Marks)
- c) What is CSS selector, give one example (3 Marks)

SECTION B (36 MARKS)

QUESTION THREE (12 MARKS)

- a. Explain the benefits and demerits of External Style Sheets in web development? [6 marks]
- b. Write HTML code that will be able to generate the following information in a web browser

(6 marks)

A. Degree courses

BBIT BSC.

IT

BSC. Computer science

B. Diploma courses

Diploma IT

Diploma BIT

Diploma in Computer science

QUESTION FOUR (12 MARKS)

- a) New advancement in web design is the use of content management system such wordpress. Give advantages of content management (6 Marks)
- b) Describe the three elements used in forms in HTML. Give the attributes in each (6 marks)

QUESTION FIVE (12 MARKS)

- a) Explain the contents of the head section of a html document (4 marks)
- b) Design a HTML program code to display the following output (8 marks)

HILTON HOTEL RATES

A. Accomodation

1. Single rooms kshs 1000
2. Double rooms kshs 2000
3. Deluxe rooms kshs 5000

B. Meals

1. Breakfast kshs 500
2. Dessert kshs 250
3. Lunch kshs 1000

QUESTION SIX (12 MARKS)

a) What will the below code display in the browser

(12 MARKS)

```
<html>
<head>
<title> Tables </title>
</head>
<body>
<body bgColor = "#green" TEXT = "white">
<H1>ALUPE UNIVERSITY</h1> <hr />
<font color="#000000">
    <H3>REASONABLE FEES FOR OUR PROGRAMMES</h3>

<table border="1">
<tr>
<th>Course</th>
<th>Duration</th>
<th>Amount(Kshs)</th>
</tr>
<tr>
<td>Bachelor of Business Information Technology</td>
<td>4 Years</td>
<td>140,000</td>
</tr>
<tr>
<td>Bachelor of Business Management </td>
<td>4 Years</td>
<td>120,000</td>
</tr>
<tr>
<td>Bachelor of Commerce</td>
<td>4 Years</td>
<td>110,000</td>
</tr>
</table>
</body>
</html>
```

QUESTION SEVEN (12 MARKS)

a) Write HTML tags to do the following

- i) Create hyperlink to www.facebook.com
- ii) Display an image mylogo.jpg

(3 Marks)

(3 Marks)

b) Define the following terms as used in web design

- i. Web browser
- ii. Website
- iii. Comment

(2 Marks)

(2 Marks)

(2 Marks)